

CHRISTIE DS+650

Exceptional Image Clarity, Intense Color

Uses

Meeting rooms
Training rooms
Classrooms
Government facilities
Executive briefing centres
Control rooms

The Brightest Single-chip Projector On The Market

The Christie DS+650 features an advanced optical design for high brightness and the latest BrilliantColor™ multi-primary color processing to produce an expanded on-screen color spectrum. The result; enhanced color saturation for high brightness, true-to-life colors.

With unrivalled 6500 ANSI lumens, a contrast up to a stunning 7500:1 and sharp SXGA+ native resolution the bright detailed images from the Christie DS+650 will demand attention from your audience.

A series of six high quality lens options with throw ratio ranges from 0.8:1 through 7:1 and horizontal and vertical lens shift give you the broadest scope of installation options. The Christie DS+650 features SXGA+ resolution with single-chip DLP® technology. With the added confidence of 24/7 reliability, it's perfect for intensive use applications such as retail signage and high resolution modeling.

For low cost of ownership and minimal maintenance, the DS+650 uses a long life, dual lamp illumination and filter-free sealed optical engine design of this projector will exceed your expectations.

Compact and quiet, the Christie DS+650 is a flexible presentation solution for meeting rooms, training rooms or classrooms, government facilities or executive briefing rooms. An extensive range of standard inputs lets you connect to virtually any source.

Delivering high reliability, the best price/performance on the market, and renowned Christie warranties and service – you can count on bright, detailed images again and again.



Christie DS+650

Specifications (115-007101-01)



The Christie DS+650 uses dual 300W UHP lamps – for long life performance and low cost of ownership.

IMAGE

- 6500 ANSI lumens (dual lamp)
- 3000 ANSI lumens (single lamp)
- 90% brightness uniformity across the screen
- Contrast ratio: variable, 1200:1 up to 7500:1 (max on/off)

DISPLAY TECHNOLOGY AND RESOLUTION

- 1-chip 0.95" Darkchip3™ DMD
- True SXGA+ 1400 x 1050 resolution
- Sealed, all-glass optical design
- BrilliantColor™ processing

INPUT SIGNAL COMPATIBILITY

- VGA through UXGA (1600 x 1200)
- Accepts HDTV and displays common HDTV/DTV formats up to 1080P
- Horizontal and vertical scaling, all inputs

LAMP

- Dual 300W UHP™ lamps
- Lamp life: 1700 hrs (max brightness); 2200 hrs (low power mode)
- Variable lamp power
- Hot swap lamp - remains operating while you replace a lamp

LENS MOUNT

- User replaceable bayonet style lenses
- Motorized horizontal and vertical offset up to 120% vertical and 78% horizontal (depending on lens)
- Tool-free lens insertion system
- Scheimpflug (tilt) adjustment
- Built-in light shutter

POWER REQUIREMENTS

- Line voltage 100 VAC to 240 VAC ± 10% @ 50/60 Hz
- Power consumption: 850W maximum
- Thermal dissipation: 3000 BTU/hr maximum

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With a broad range of standard inputs and option card slots, the Christie DS+650 is flexible and customizable.



LCD display showing projector status including current source, lamp life, operating hours and more.

SCAN RATES

- Horizontal: 15 to 150 kHz
- Vertical: 49 to 190 Hz

PIXEL CLOCK

- 205 MHz (analog)
- 160 MHz (DVI)

INPUTS, CONTROL & NETWORKING

- 5 BNC: RGBHV/YPbPr
- DVI-D (HDCP-compliant)
- 1 composite video, 1 S-Video
- 2 - XPort (1x front end, 1x back end)
- ChristieNET™ compatible via RJ45 connectivity
- LCD display for projector status
- IR remote control and built-in keypad
- 12v trigger (x2 mini-jack)
- Wired remote (mini-jack)

DIMENSIONS

- Weight: 27.8 lb (12.6 kg) excluding lens
- Size: 14.8 L x 20.0 W x 8.8 H" (376 x 510 x 223mm)

STANDARD ACCESSORIES

- Line cord
- Wireless remote unit with laser pointer
- User manual
- Computer cable
- Wired remote control cable
- USB cable
- S-Video cable

OPTIONAL ACCESSORIES

- Fixed lenses: 0.8:1, 1.2:1
- Zoom lenses: 1.3-1.7:1, 1.7-2.5:1, 2.5-4.0:1, 4.0-7.0:1
- Shipping case
- Ceiling mount

OPERATING ENVIRONMENT

- Operating temp: 32 to 105° F (0 to 40° C)
- Operating altitude: 0 – 10,000 ft (0 – 9144m)
- Operating humidity: 20 – 90%
- Audible noise: 30dB (low power mode)

REGULATORY APPROVALS

- UL/CSA/IEC 60950 (3rd edition)
- FCC Class A, CE, CCC
- This product conforms to all relevant European directives, standards, safety, health and environmental concerns
- RoHS and WEEE compliant

LIMITED WARRANTY

- 2 years parts and labor (including light engine)
- Lamp: 120 days or 500 hrs, whichever comes first
- 24/7 operation capable (conditions apply see warranty and maintenance schedules for details)



For the most current specification information, please visit www.christiedigital.com

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